CITY OF PORTSMOUTH, NEW HAMPSHIRE

GREENLAND WELL PUMP STATION REPLACEMENT

ADDENDUM NO. 1

This Addendum forms part of the original contract drawings and specifications for the City of Portsmouth Bid#11-17 Greenland Well Pump Station Replacement.

Please acknowledge this addendum within your bid proposal, failure to do so may subject a bidder to disqualification.

PRE-BID MEETING

Pre-bid meeting attendance sheet is attached to this addendum. All questions presented at the meeting have been included herewith in.

SPECIFICATIONS

SECTION 02820 – CHAIN LINK FENCE

1. Page 02820-5, DELETE paragraph 2.04.J.

SECTION 11241 – CHEMICAL FEED EQUIPMENT

1. Page 11241-7, DELETE the following paragraphs:

   a. 2.04.A.11
   b. 2.04.A.12
   c. 2.04.A.13

2. Page 11241-8, DELETE paragraph 2.06.B.1 and REPLACE with:

   2.06.B.1. Refer to plans for connection size and type.

SECTION 13127 – PRECAST CONCRETE UTILITY BUILDING

1. Page 13127-6, DELETE paragraph 2.08.B and REPLACE with:

   "2.08.B The interior walls and ceiling of the building shall receive one (1) coat of Thoroseal concrete sealer."

QUESTIONS AND ANSWERS

1. QUESTION: Please clarify the work required in the basement of the existing station.

   ANSWER: The Contractor shall remove the foundation walls to a minimum distance of 24-inches below grade as described on Drawing C-2, backfill and compact Class B or select backfill as described in specification section 02220 – Selective Structure Demolition, remove and dispose of existing piping within basement, and extend the existing 16-inch diameter well casing approximately 8-feet from the basement floor to finished site grade. Contractor to weld the new casing to the existing, weld cap at ground elevation, and verify length prior to installation. Photos of the existing piping in lower level to be removed is attached at the end of this addendum as Photo-1,2,3.

2. QUESTION: Who is the precast building manufacturer that Engineer worked with during the design?

   ANSWER: Oldcastle Precast.

3. QUESTION: Will each chemical require a 2.08 Corp stop or 2.06 Diffuser?

   ANSWER: Each Chemical requires an assembly as shown on drawing M-3.

4. QUESTION: 2.04A calls for “Pulsafeeder Series A” feed pumps. Did you mean PULSAtron Series A solenoid pumps? Will you accept LMI solenoid pumps, or ProMinent pumps as equals?

   ANSWER: Pulsatron Series A is correct. The City has standardized on Pulsatron and Watson-Marlow chemical pumps and will not accept another manufacturer.

5. QUESTION: Is the basis of design for the Control Station the CTI Dynamix XPCS Pump Control Station?

   ANSWER: Yes.

6. QUESTION: The pressure valves with Air Release valves are specified, but with a 4-Function valve they are rendered redundant. Still required?

   ANSWER: The 4-FV can be used in place of the ARVs.

7. QUESTION: M-2 Note 5 calls for 2 BPVs but they are shown that way in every schematic. Duplicates required?

   ANSWER: Each system requires two backpressure valves. One at the pump and one at the injection point.

8. QUESTION: Diaphragm isolated pressure gages are indicated on M-2 but not specified. Will you accept a Griffco Gage Guard designed for this service?

   ANSWER: Yes.

9. QUESTION: Ref. Spec. 01450. Who pays for the inspection services listed in Attachment A?

ANSWER: The Contractor shall select and pay for an independent testing agency that is pre-approved by the Engineer for all concrete testing listed in specification Section 03301, CAST-IN-PLACE CONCRETE, paragraph 3.16.C and D and the Engineer will perform inspections listed in paragraph 3.16.B. The Contractor shall also pay for an independent testing agency to perform compaction testing on all disturbed soils placed under concrete.

10. QUESTION: Please indicate the size of the two LPG tanks to be furnished and installed by the contractor. Will these tanks need to be filled by the contractor upon completion of the project?

    ANSWER: The Contractor shall bear all costs associated with furnishing and installing two, 1,000 gallon propane tanks and shall pay for fuel to fill the tanks and leave full for Owner at final completion. The Contractor is directed to specification Section 01140, SPECIAL PROVISIONS, paragraph 3.05.D for the utility contact. The Owner plans to engage the utility in to entering a lease agreement. Contractor to coordinate.

11. QUESTION: Are we to remove and dispose of the pumping equipment and piping in the existing pump house and basement?

    ANSWER: Yes, Contractor to dispose of well pumping equipment and piping.

12. QUESTION: Will the contractor be required to fill the chemical bulk tanks upon completion?

    ANSWER: Owner shall furnish chemical to fill the tanks prior to startup. Contractor to be onsite and coordinate filling tanks with the Owner.

13. QUESTION: Will the below slab piping require concrete encasement?

    ANSWER: No.

14. QUESTION: Will the chemical feed piping require painting?

    ANSWER: Yes. Refer to specification section 09900.

15. QUESTION: Will the City lease or purchase the propane tanks?

    ANSWER: The propane tanks will be leased by the City.

16. QUESTION: In specification Section 00800 – SUPPLEMENTRAY CONDITIONS, the Contractor is being made responsible to pay for all utility connections, however, the costs of relocating the electrical wires and mounting transformers cannot be determined until after the project is awarded. Can the electrical utility work be made into an allowance?

    ANSWER: We received an estimated cost of $20,000 from Eversource during the design. The Contractor shall carry in his bid price, $20,000 to pay for Eversource fees. The Contractor is also responsible for the costs associated with his own work to provide electrical service to the new building, as detailed in the plans and specifications.

CONTRACT DRAWING EDITS

1. Drawing C-2, DELETE Note 1 and REPLACE with the following:

    1. Contractor to perform planimetric and vertical survey on top of the existing well casing of the new well before beginning construction activities and again prior to placing the precast building concrete slab. It is the responsibility of the Contractor to make sure that the well casing is protected during construction.

2. Drawing C-2, DELETE Note:
    "Manhole, hatch, and vault to be removed and backfilled. Hatch shall be delivered to the City. Abandon sample line."

    And REPLACE with:
    "Manhole, hatch, and vault to be removed, disposed of, and backfilled. Abandon sample line."

3. Drawing M-2, DELETE all reference to pulsation dampers. They are not required.

4. Drawing M-2, EDIT size of all 1-inch pressure relief lines (six (6) total) from chemical metering pumps (CMPs) to bulk tank to ¼-inch.

ATTACHMENTS

- Pre-bid meeting sign-in sheet
- PHOTO-1,2,3

END OF ADDENDUM

Greenland Well

Pre-Bid Meeting — Sept. 15, 2016

Name	Company	email
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PHOTOS 1,2,3